

December 1, 2004

WEST VIRGINIA BULLETIN NO: WV360-5-7

SUBJECT: Fundamentals of Nutrient Management Training Course

Purpose: To inform employees of Fundamentals of Nutrient Management Training Course.

Expiration Date: This bulletin expires December 30, 2004.

Action Requested By: December 3, 2004

West Virginia University Extension Service in cooperation with Davis College of Agriculture, West Virginia Department of Agriculture, West Virginia Conservation Agency, and USDA Natural Resources Conservation Service has organized a two-day training course for individuals who plan to take the West Virginia Nutrient Management Certification Examination.

This is a good refresher course for training in basic soil science (soil genesis, classification, and mapping) soil-plant relationships, nutrient transformations in soils, selection, analysis, and application of manures and fertilizers, and nutrients related water quality issues. Certified Nutrient Management Planners may not use this training class to fulfill the continuing education credits they require for 2004.

The training will take place in Morgantown WV, at West Virginia University/Evansdale Campus, on December 15-16, 2004.

District Conservationists, Soil Conservationists, Area Grassland Specialists, Resource Conservationists, and other potential participants who intend to become a certified Nutrient Management Specialist should attend the training. You must send a request through your supervisor. After your supervisor concurs, the request must be sent to Isaac Wolford at the State Office by December 3, 2004.

The request will be sent to the State Conservationist, who will approve/disapprove all requests. Those who were approved for training will be notified accordingly.

NRCS will pay the registration fee for those approved.

Anyone who has already submitted a request need not submit another one.

If you have questions or need additional information, please contact Charlotte Wertz at 304-284-7551 or Charlotte.Wertz@wv.usda.gov.

/s/

**LILLIAN V. WOODS
State Conservationist**

Attachment: Fundamentals of Nutrient Management Training Course

DIST: E

**West Virginia University Extension Service
Fundamentals of Nutrient Management Training Course**

A Two-Day Training Course

Dec 15 - 16, 2004

Room XXX, Ag. Sciences Building

Evansdale Campus, West Virginia University 26506-6108

Registration Fee for this two-day event is: \$45 per person

Registration 8:45 -9:15

Introductory Topics, Day 1			
Title	Duration	Instructor	% Weight
1) WV Nutrient Management Program	30 Min	Isaac Wolford	3
2) Introduction, Nutrient Cycling, Regional Nutrient Balance & Chesapeake Bay issues,	30 Min	Tom Basden	5
3) Hydrologic Cycle	30 Min	Barbara Boxerman	5
4) Nutrient Management Regulatory Issues A) TMDL, B) AFO, CAFO	40 Min	Teresa Koon or Rick Heaslip	5
Soil Science			
5) Soil Physical Properties, Soil Genesis, Soil Mapping	60 Min	Jim Thompson	10
6) Soil and Plant Relationships, CEC, elements, clay minerals	50Min	Jim Gorman	10
7) Soil Testing, Plant testing	30 Min	Jim Gorman or Jeff Skousen	5
8) Manure, Biosolids Testing, PAN	20 Min	Tom Basden	5
9) Soil Acidity and Liming	30 Min	Louis McDonald	5
10) Micronutrients	20 Min	Jeff Skousen	
Macronutrients, Day 2			
11) Nitrogen Cycle	15 Min	Tom Basden	5
12) Fertilizer and Organic Nitrogen	60 Min	Joe Hatton	8
13) Phosphorus cycle, Fertilizer & Organic P sources	60 Min	Ed Rayburn	8
14) P-Index System	15 Min	Isaac Wolford	3
15) Potash cycle, fertilizer and Organic K sources	40 Min	Ed Rayburn	8
Practical Considerations			
16) Components of a nutrient management plan	30 Min	Tom Basden	8
17) BMPs, water quality considerations, Conservation Practice Standards	30 Min	Open	7
Problem Solving Sessions			
Fertilizers	60 Min	Ed Rayburn	N/A
Manure	60 Min	Joe Hatton	N/A